

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error Rows
1 BRS	L1	1	wo-200121648-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:17			0
2 BRS	L2	1	wo-9734925-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:40			0
3 BRS	L5	2	kappa\$1conotoxin adj pv11a	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:42			0
4 BRS	L6	4	(radical adj depolarization) same (excitable adj membrane)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:44			0
5 BRS	L7	2771	(katp or potassium) adj channel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:44			0
6 BRS	L8	1	6 same 7 same 5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:45			0
7 BRS	L9	36635	(cardiac adj ischemia) or (cerebral adj ischemia) or asthma or (ocular adj ischemia)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:46			0
8 BRS	L10	1	5 same 9	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:46			0
9 BRS	L11	1	cornell-bell adj ann.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:47			0

Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition	Error
10 BRS	L12	0	pemberton adj karen.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:47			0
11 BRS	L13	13	temple adj davis.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:48			0
12 BRS	L14	0	mccabe adj tyler.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:48			0
13 BRS	L15	81	mccabe adj r.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:49			0
14 BRS	L16	651	jones adj robert.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:49			0
15 BRS	L17	1	(11 or 13 or 15 or 16) and 5	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/01/1 6 07:49			0

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(FILE 'HOME' ENTERED AT 07:53:13 ON 16 JAN 2003)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA'  
ENTERED AT

07:53:36 ON 16 JAN 2003

L1 87 S KAPPA-CONOTOXIN PVIIA

L2 0 S (RADICAL DEPOLARIZATION) (P) (EXCITABLE MEMBRANE) (P)  
(DISORD

L3 328400 S (CARDIAC ISCHEMIA) OR (CEREBRAL ISCHEMIA) OR  
ASTHMA OR (OCULA

L4 1 S L1 (P) L3

=> log y

FILE 'HOME' ENTERED AT 07:53:13 ON 16 JAN 2003

=> file medline caplus biosis embase scisearch agricola  
COST IN U.S. DOLLARS                      SINCE FILE                      TOTAL  
   ENTRY                      SESSION  
FULL ESTIMATED COST                      0.21                      0.21

FILE 'MEDLINE' ENTERED AT 07:53:36 ON 16 JAN 2003

FILE 'CAPLUS' ENTERED AT 07:53:36 ON 16 JAN 2003  
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FILE 'AGRICOLA' ENTERED AT 07:53:36 ON 16 JAN 2003

=> s kappa-conotoxin pVIIa  
L1                      87 KAPPA-CONOTOXIN PVIIA

=> s (radical depolarization) (p) (excitable membrane) (p) (disorder or disease)  
4 FILES SEARCHED...  
L2                      0 (RADICAL DEPOLARIZATION) (P) (EXCITABLE MEMBRANE) (P) (DISORDER  
   OR DISEASE)

=> s (cardiac ischemia) or (cerebral ischemia) or asthma or (ocular ischemia)  
L3                      328400 (CARDIAC ISCHEMIA) OR (CEREBRAL ISCHEMIA) OR ASTHMA OR (OCULAR  
   ISCHEMIA)

=> s l1 (p) l3  
L4                      1 L1 (P) L3

=> d l4 1 ibib abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:                      2001:228916 CAPLUS

DOCUMENT NUMBER:                      134:275775

TITLE:                      .kappa.-Conotoxin PVIIA and analogs and derivatives  
   for activating ATP-sensitive potassium channels, and  
   therapeutic use

INVENTOR(S):                      Cornell-Bell, Ann H.; Pemberton, Karen E.; Temple,  
   Davis L., Jr.; Layer, Richard T.; McCabe, R. Tyler;  
   Jones, Robert R.

PATENT ASSIGNEE(S):                      Cognetix, Inc., USA

SOURCE:                      PCT Int. Appl., 46 pp.  
   CODEN: PIXXD2

DOCUMENT TYPE:                      Patent

LANGUAGE:                      English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001021648	A1	20010329	WO 2000-US25827	20000921

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,  
CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,  
HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,  
LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,  
SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,  
ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,  
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,

CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG  
EP 1218407 A1 20020 EP 2000-965219 200009  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
IE, SI, LT, LV, FI, RO, MK, CY, AL  
PRIORITY APPLN. INFO.: US 1999-155135P P 19990922  
US 2000-219438P P 20000720  
WO 2000-US25827 W 20000921

OTHER SOURCE(S): MARPAT 134:275775

AB The invention relates to uses of . \*\*\*kappa\*\*\* .- \*\*\*conotoxin\*\*\*  
\*\*\*PVIIA\*\*\* , analogs and derivs. for activating ATP-sensitive potassium  
channels. The activation of ATP-sensitive potassium channels is useful  
for opening KATP channels which can be used to treat a wide range of  
disease and injury states, including cerebral and \*\*\*cardiac\*\*\*  
\*\*\*ischemia\*\*\* and \*\*\*asthma\*\*\* .

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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07:53:36 ON 16 JAN 2003

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L2 0 S (RADICAL DEPOLARIZATION) (P) (EXCITABLE MEMBRANE) (P) (DISORD  
L3 328400 S (CARDIAC ISCHEMIA) OR (CEREBRAL ISCHEMIA) OR ASTHMA OR (OCULA  
L4 1 S L1 (P) L3

=> log y

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	35.70	35.91
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

STN INTERNATIONAL LOGOFF AT 07:57:09 ON 16 JAN 2003